

WHAT IS CLAIMED IS:

1. In a customer-designer relationship process wherein a customer profile is developed which can then be an input to an algorithmic method for developing an optimized solution for a Server Farm and associated  
5 modules which would be most suitable for the customer, a method for configuring a Server Farm network comprising the steps of:

10 (a) establishing on a Windows screen, a configuration session between the designer and the customer in order to develop the customer's sizing requirements;

15 (b) generating a display report which will recommend the optimum server configuration and other necessary information to optimize the customer's requirements.

2. The method of claim 1 wherein step (a) of said configuration session includes the steps of:

5 (a1) establishing on a Windows screen, the physical site locations where a Server Farm containing terminal servers will be located;

10 (a2) establishing on a Windows screen, the total number of users to be located at each of said sites and the concurrent number of users at any given period of time;

(a3) establishing on a Windows screen, the User-Types involved at each site which enumerates the number of the various types of specific Users involved;

15

(a4) establishing on a Windows screen, the application program types that will be used by each of the User-Types;

(a5) establishing on a Windows screen, the relationship between User-types and Application program types to specify the number of concurrent User-type Users for each Application type.

20

3. The method of claim 1 which includes wherein step (b) includes the steps of:

(b1) establishing on a Windows screen, the default level of availability for the Server Farm and the supporting modules;

(b2) providing an interactive Availability Calculator to determine the desires or future Availability Level of the Server Farm;

(b3) determining whether optional software, such as MetaFrame, Load Balancing Software, and ICA Secure Software, will be required for the configuration;

(b4) determining the minimum amount of disk capacity required, the minimum amount of memory required, and the network utilization capacity for the Server Farm configuration;

(b5) determining a base Server Farm configuration which involves a specific number of Servers which is based on an adjusted number of Users of the Server Farm;

(b6) generating and displaying Windows or printed reports which indicate the optimum base server configuration which will also indicate the server availability, the



4. A system for developing a customer profile which indicates the various capabilities and requirements of the customer to be used as input for generating a optimized configuration report, said system comprising:

5 (a) a plurality of window screens which can be displayed on a personal computer for inputting a series of parameters which develop a customer profile;

10 (b) Windows screens for developing the customer's site locations for his terminal servers, and for inputting the types of users and the number of users that will be using the Server Farm, and for inputting the application program types to be used by each of the users  
15 of the Server Farm;

(c) auxiliary Windows screens for inputting the level of availability expected from the server, the maximum number of users for each server, and the concurrent number of users for  
20 each server plus the use of various benchmark and network utilization parameters;

(d) algorithmic means for calculating and displaying the optimum server configuration suitable for fitting the customer's profile.

5. A system for collecting and storing customer profile information on a plurality of database information-holding means and utilizing said data via an algorithmic optimization method for providing an optimum set of configurations for a Server Farm most suitable to a customer-user, comprising:

(a) customer-client-user profile development means;

(b) database information-holding means;

(c) program means for accessing said customer-client-user profile information and said database information to develop an optimized Server Farm configuration for a specific customer.

6. A system for designing, configuring and optimizing a Server Farm for a customer's Enterprise system comprising:

5 (a) a server information database means for holding benchmarks and informational data on a plurality of servers to be utilized;

(b) a sizing database means for holding User-type and Application-type attributes;

10 (c) a configuration database template means for storing information collected from window screens used in the information collection process;

15 (d) a configuration session database means for providing information to an Application Delivery Solution Configurator to enable algorithmic steps to be implemented for developing an optimized configuration for meeting a customer's requirements;

20 (e) Application Delivery Solution Configurator means which provide programmatic methods for accessing information from said server information database means, from said sizing database means; from said configuration database template means, and from said  
25 configuration session database means, for application to a sequence of algorithmic steps which will provide a series of output reports which will indicate optimum Server Farm configurations, said Application Delivery

30           Solution Configurator means also including  
input information developed from customer-  
client-user profile information;

          (f) information means developed from customer  
client-user communication and that of a system  
35           designer which can then be input to said  
Application Delivery Solution Configurator  
means.